|            | Index of Claims  |               |                 |               |          |              |     |              |          |                 |           |             |          |     | Application/Control No. |              |              |          |          |          |              |          |              | Applicant(s)/Patent under Reexamination |            |          |          |          |           |                |           |          |  |
|------------|--|---------------|-----------------|---------------|----------|--------------|-----|--------------|----------|-----------------|-----------|-------------|----------|-----|-------------------------|--------------|--------------|----------|----------|----------|--------------|----------|--------------|---|------------|----------|----------|----------|-----------|----------------|-----------|----------|--|
|            | 1  |               |                 |               |          |              |     |              |          |                 |           |             |          | 1   | 10/791,430              |              |              |          |          |          |              |          |              |   | MAGNUSON E |          |          |          |           |                |           |          |  |
|            |  |               |                 |               |          |              |     |              |          |                 |           |             |          |     |                         | E            | xa           | mir      | ner      |          |              |          |              |   |            | Art Unit |          |          |           |                |           | - \_     |  |
|            |  |               |                 |               |          |              |     |              |          |                 |           |             |          |     |                         |              |              |          |          |          |              |          |              |   |            |          |          |          |           |                |           |          |  |
|            |  |               |                 |               |          |              |     |              |          |                 |           |             |          |     |                         |              | Ghassem Alie |          |          |          |              |          |              |   |            |          |          | 3724     |           |                |           |          |  |
|            |  |               | _               |               |          |              |     | 1            |          |                 |           |             |          |     |                         |              |              | 1        |          |          |              |          |              | ,                                       |            |          |          |          |           |                |           |          |  |
|            |  |               | <b> </b>        | R             | eie      | ecte         | ed  |              |          | _               | (1        | Γhro        | ugh      | nu  | me                      | ral)         |              |          |          | l N      | Jon          | -Elec    | cted         |   | A          |          | Δr       | ne       | al        |                |           |          |  |
|            | √ Reject   |               |                 |               |          |              |     |              |          |                 | Cancelled |             |          |     |                         |              |              | N        | ľ        |          |              |          |              |   | Appeal     |          |          |          |           |                |           |          |  |
|            |  |               | =               | ١,            | ılla     | we           |     |              |          | .               |           | D           | estr     | iat | ~ d                     |              |              |          |          | 1.       | <b></b>      | rfere    |              |   | 0          |          | Ob:      |          | ~d        |                |           |          |  |
|            |  |               | -               | ^             | MIO      | we           | :u  |              |          | +               |           | ĸ           | estr     | ICU | eu                      |              |              |          | I        | "        | nte          | riere    | nce          |   |            |          | Obj      | ect      | eu        |                |           |          |  |
| _          |  |               | ī               | <u> </u>      |          |              |     |              |          |                 |           | _           |          |     |                         |              |              |          |          |          |              |          | _            |   | -          |          |          |          |           |                |           |          |  |
| <u> </u>   | Cla  | m `           | 336             | <u>}</u>      | _        | !            | Dat | <del>)</del> |          |                 | Claim     |             |          |     | Date                    |              |              | e<br>    |          | +        |              | Claim    |              | Date                                    |            |          | —т       | $\dashv$ |           |                |           |          |  |
| -          | <u></u>  | la<br>Ja      | J               |               |          |              |     |              |          |                 |           | <del></del> | Original |     |                         |              |              |          |          |          |              |          | <del> </del> | nal                                     |            | -        |          |          |           |                |           | ı        |  |
| 1          | Final  | Original      | 7               |               |          |              |     |              |          |                 |           | Final       | ligi     | •   |                         |              |              |          |          |          |              |          | Final        | Original                                |            | -        |          |          |           |                |           |          |  |
|            |  | 0             | /               | <u> </u>      |          | L            |     |              |          |                 |           |             |          | _L  | <u> </u>                |              |              |          |          |          |              |          |              |   |            |          |          |          | <u> </u>  |                |           |          |  |
|            | 4  | 1             | _               | _             |          | ╙            |     |              |          |                 | _         |             | 51       |     | 4                       | ╀            | -            |          |          | _        |              | _        | <u> </u>     | 101                                     |            |          | $\bot$   | 1        | $\bot$    | $\sqcup$       | _         | _        |  |
| $\vdash$   |  | 3             | _               | -             |          | -            |     | $\vdash$     |          | $\vdash$        | $\dashv$  |             | 52<br>53 |     | H                       | +            | -            |          |          |          | -            |          | -            | 102<br>103                              | ╁          | -        | +        | +        | +         | $\vdash$       | -         |          |  |
|            | 1  | 4             | -               | <del> -</del> |          | <del> </del> |     |              |          | H               |           |             | 54       |     | $\vdash$                | ╁            | 1            |          |          |          | $\vdash$     |          |              | 104                                     | $\vdash$   | _        | $\dashv$ |          | ╁         | H              |           | _        |  |
|            |  | 5             |                 |               |          |              |     |              |          |                 |           |             | 55       | 1   | X                       |              |              |          |          |          |              |          |              | 105                                     |            |          |          |          |           |                |           |          |  |
| <u> </u>   | 4  | 6             |                 |               |          |              |     |              |          |                 |           |             | 56       |     | $\bot$                  | -            | <u> </u>     |          |          |          |              |          |              | 106                                     | $\vdash$   | _        | _        | -        | -         | $\sqcup$       |           | _        |  |
| -          | -  | <u>7</u><br>8 | _               |               | -        |              |     |              |          | $\vdash$        |           |             | 57<br>58 |     | +                       | +            | $\vdash$     |          |          |          | $\vdash$     | $\dashv$ |              | 107<br>108                              | $\vdash$   | -        | +        | +        | +         | $\vdash$       | $\dashv$  | $\dashv$ |  |
|            | -  | 9             | $\vdash$        |               |          |              |     |              |          | $\vdash$        |           |             | 59       | +   | +                       | +            |              |          |          |          | $\vdash$     | $\dashv$ |              | 109                                     | $\vdash$   | $\dashv$ | $\dashv$ | +        | +         | $\Box$         |           | $\dashv$ |  |
|            |  | 10            |                 |               |          |              |     |              |          |                 |           |             | 60       |     |                         |              |              |          |          |          |              |          |              | 110                                     |            |          |          |          |           |                |           |          |  |
|            | -  | 11            | _               |               |          | _            |     |              |          | -               |           |             | 61       |     | +                       | -            |              |          |          |          | $\vdash$     | _        | _            | 111                                     | -          | -        | -        | _        | -         | $\vdash$       |           |          |  |
| -          | $\dashv$   | 12<br>13      | _               | _             |          | ┢            |     |              | _        | $\vdash$        | $\dashv$  |             | 62<br>63 |     | +                       | +            | ╁            |          |          |          | $\vdash$     | $\dashv$ | -            | 112<br>113                              | +          |          | +        | +        | -         | $\vdash$       | $\dashv$  | -        |  |
|            | $\dashv$   | 14            |                 | -             |          |              |     |              |          | H               |           |             | 64       |     | +                       | $\dagger$    | 1            |          |          |          |              | $\dashv$ |              | 114                                     | 1          | _        | $\top$   | $\top$   | $\dagger$ | H              | $\neg$    | $\dashv$ |  |
|            |  | 15            |                 |               |          |              |     |              |          |                 |           |             | 65       |     |                         |              | 匚            |          |          |          |              |          |              | 115                                     |            |          |          | 1        |           |                |           |          |  |
| <u> </u>   | $\dashv$   | 16            | _               |               |          |              | _   |              |          | $\vdash$        |           |             | 66<br>67 |     | $\perp$                 | -            | _            |          |          |          | -            | _        |              | 116                                     | $\sqcup$   | $\dashv$ | _        | -        | -         |                |           | $\dashv$ |  |
| -          | $\dashv$   | 17<br>18      |                 | _             |          | <u> </u>     |     |              |          | $\vdash$        | _         |             | 68       |     | +                       | +            | $\vdash$     | -        |          |          | $\vdash$     | $\dashv$ |              | 117                                     | $\vdash$   | $\dashv$ | +        |          | +         | -              | -         | $\dashv$ |  |
| -          | $\dashv$   | 19            |                 |               |          |              |     |              | $\vdash$ | $\vdash$        | -         |             | 69       |     | +                       | +            | $\dagger$    | _        |          |          |              | $\dashv$ |              | 119                                     |            |          | +        | +-       |           | $\Box$         |           |          |  |
|            |  | 20            |                 | ·             |          |              |     |              |          |                 |           |             | 70       |     |                         |              |              |          |          |          |              |          |              | 120                                     |            |          |          |          |           |                |           |          |  |
| <u> </u>   | 4  | 21            |                 | _             |          |              |     | ⊢            | <u> </u> |                 |           | -           | 71       |     | _                       | -            | _            | ļ        |          |          |              | _        |              | 121<br>122                              | 1-1        | -        | -        | -        |           | $\blacksquare$ |           | 4        |  |
| -          | -  | 22<br>23      | $\vdash$        | $\vdash$      |          | $\vdash$     |     | ┢            | -        | H               | $\dashv$  |             | 72<br>73 |     |                         | +-           | ╁            | -        |          | -        |              |          | -            | 123                                     | $\vdash$   | +        | +        | +        | -         | $\vdash$       | $\dashv$  | $\dashv$ |  |
| -          |  | 24            |                 |               |          | H            | _   | $\vdash$     |          | Н               | $\dashv$  |             | 74       |     | -                       | $\top$       |              | -        |          |          |              |          |              | 124                                     |            |          |          | T        |           |                |           |          |  |
|            |  | 25            |                 |               |          |              |     |              |          |                 |           |             | 75       | 1   |                         |              |              |          |          |          |              |          |              | 125                                     | Ш          |          |          |          |           |                | $\Box$    |          |  |
| -          | _  | 26<br>27      |                 |               | _        | ⊢            | _   |              |          |                 | 4         | -           | 76<br>77 |     |                         | <del> </del> | <b></b>      | -        |          |          |              |          |              | 126<br>127                              | $\vdash$   | +        | +        | +        | ╀         | $\vdash$       | $\dashv$  | _        |  |
| $\vdash$   |  | 28            |                 | -             |          | ┢            | -   | -            |          | $\vdash$        | $\dashv$  | -           | 78       |     | +                       | ╁            | ├            | _        | $\vdash$ |          | Н            |          |              | 128                                     | +          |          | +        | +        | ╁         | $\vdash$       | _         | $\dashv$ |  |
|            | $\exists^{\dagger}$  | 29            |                 |               |          |              |     |              |          |                 |           |             | 79       |     | 上                       | T            | İ            |          |          |          |              |          |              | 129                                     |            |          | 上        |          |           |                | ╛         |          |  |
|            | _  | 30            |                 |               |          |              |     |              |          |                 |           |             | 80       |     |                         |              |              |          |          |          |              |          |              | 130                                     | П          | 1        | 工        | Ţ        | _         | $\Box$         |           | $\Box$   |  |
| -          |  | 31<br>32      | _               | _             |          | $\vdash$     | -   | <u> </u>     |          | $\vdash \vdash$ | $\dashv$  | -           | 81<br>82 |     | +                       | -            | ┼            |          |          |          |              | $\dashv$ |              | 131                                     | $\vdash$   | +        | -        | +-       | +         | $\vdash$       | -+        | $\dashv$ |  |
| -          | $\dashv$   | 33            | $\vdash$        | $\vdash$      | $\vdash$ | $\vdash$     | -   |              |          | $\vdash \vdash$ | $\dashv$  |             | 82       |     | +                       | +            | $\vdash$     | -        | $\vdash$ |          | $\vdash$     | $\dashv$ | $\vdash$     | 133                                     |            | +        | +-       | +        | +         | 1-1            | $\dashv$  | $\dashv$ |  |
|            |  | 34            |                 |               |          |              |     |              |          |                 |           |             | 84       |     | $\perp$                 | İ            |              |          |          |          |              |          |              | 134                                     |            |          |          |          |           |                |           |          |  |
|            |  | 35            |                 |               |          |              |     |              |          |                 | 4         |             | 85       |     | $\bot$                  | $\bot$       | L            | L        |          |          |              |          |              | 135                                     | $\Box$     | 1        | $\perp$  | F        | L         | $\Box$         | Ţ         | _]       |  |
| -          | $\dashv$   | 36<br>37      | -               | _             | _        | -            |     | <u> </u>     |          | $\vdash \vdash$ | $\dashv$  |             | 86<br>87 |     | +                       | +            | -            | $\vdash$ | Н        |          | $\vdash$     | $\dashv$ | $\vdash$     | 136<br>137                              | $\vdash$   | +        | - -      | +        | +         |                |           | $\dashv$ |  |
| -          | $\dashv$   | 38            | $\vdash$        | $\vdash$      | $\vdash$ | $\vdash$     | -   | -            |          |                 | $\dashv$  |             | 88       |     | +                       | +            | $\vdash$     | -        | H        |          | Н            | $\vdash$ |              | 138                                     | ++         | +        | +        | +        | +         |                | -         | $\dashv$ |  |
|            |  | 39            |                 |               |          |              |     |              |          |                 |           |             | 89       |     |                         | Γ            |              |          |          |          |              |          |              | 139                                     | П          |          |          |          |           |                |           |          |  |
|            | 4  | 40            | ./              |               |          | L            |     |              |          |                 | _         | _           | 90       |     | +                       |              | _            |          | Ш        |          | $\square$    |          |              | 140                                     | $\sqcup$   | -        | _ _      |          | -         | $\sqcup$       |           | _        |  |
| -          | $\dashv$   | 41<br>42      | ř               |               |          | -            |     | $\vdash$     | $\vdash$ | $\vdash$        | $\dashv$  | -           | 91       |     | +                       | +            | -            | _        | Н        | _        | $\vdash$     | _        | -            | 141                                     | ╁┤         | +        | -        | +        | +         | $\vdash$       | $\dashv$  |          |  |
|            | $\dashv$   | 43            | H               | $\vdash$      |          | $\vdash$     |     | $\vdash$     | H        | $\vdash$        | $\dashv$  | $\vdash$    | 93       |     | +                       | +-           | +            | -        |          | -        | <del> </del> | $\dashv$ |              | 143                                     | +          | +        | +        | +-       | $\dagger$ | $\vdash$       | $\dashv$  | $\dashv$ |  |
|            |  | 44            |                 |               |          |              |     |              |          | 口               | $\exists$ |             | 94       |     | 上                       |              |              |          |          |          |              |          |              | 144                                     |            |          |          |          |           |                |           |          |  |
|            | $\dashv$   | 45            | $\prod$         | Ĺ             |          |              |     |              |          |                 | _         |             | 95       |     | $\perp$                 |              |              |          |          |          | $\Box$       |          |              | 145                                     | $\Box$     | $\bot$   |          | ullet    | $\bot$    | П              | $\exists$ | $\Box$   |  |
| <u> </u> - | -  | 46<br>47      | $\vdash \vdash$ | _             |          | <u> </u>     | -   | $\vdash$     |          | -               | $\dashv$  |             | 96<br>97 |     | +                       | +            | $\vdash$     |          |          |          | $\vdash$     | $\dashv$ | $\vdash$     | 146<br>147                              | $\vdash$   | +        | -        | +        | +         | $\vdash$       | $\dashv$  | $\dashv$ |  |
| -          | $\dashv$   | 48            | H               | 1             | -        | $\vdash$     | -   | $\vdash$     |          | $\vdash$        | $\dashv$  | -           | 98       |     | +                       | +            | +            |          | -        | <u> </u> | $\vdash$     | $\vdash$ | $\vdash$     | 148                                     | +          | +        | $\dashv$ | +        | +         | $\vdash$       | $\dashv$  | $\dashv$ |  |
|            |  | 49            |                 |               |          |              |     |              |          |                 |           |             | 99       |     |                         |              |              |          |          |          |              |          |              | 149                                     |            |          |          |          |           |                |           |          |  |
|            | $oldsymbol{ol}}}}}}}}}}}}} $ | 50            | V               |               |          |              |     |              |          |                 |           |             | 100      | ) [ |                         |              |              |          |          |          |              |          |              | 150                                     |            |          |          | Τ        |           |                |           |          |  |